

§ 73.190**47 CFR Ch. I (10-1-03 Edition)**

$$\theta^\circ = \tan^{-1} \left(k_n \cot \frac{d}{444.54} \right) - \frac{d}{444.54}$$

Where:

d=distance in kilometers

n=1 for 50% field strength values

n=2 or 3 for 10% field strength values

and where

K₁=0.00752

K₂=0.00938

K₃=0.00565

NOTE: Computations using these formulas should not be carried beyond 0.1 degree.

(e) In the event of disagreement between computed values using the formulas shown above and values obtained directly from the figures, the computed values will control.

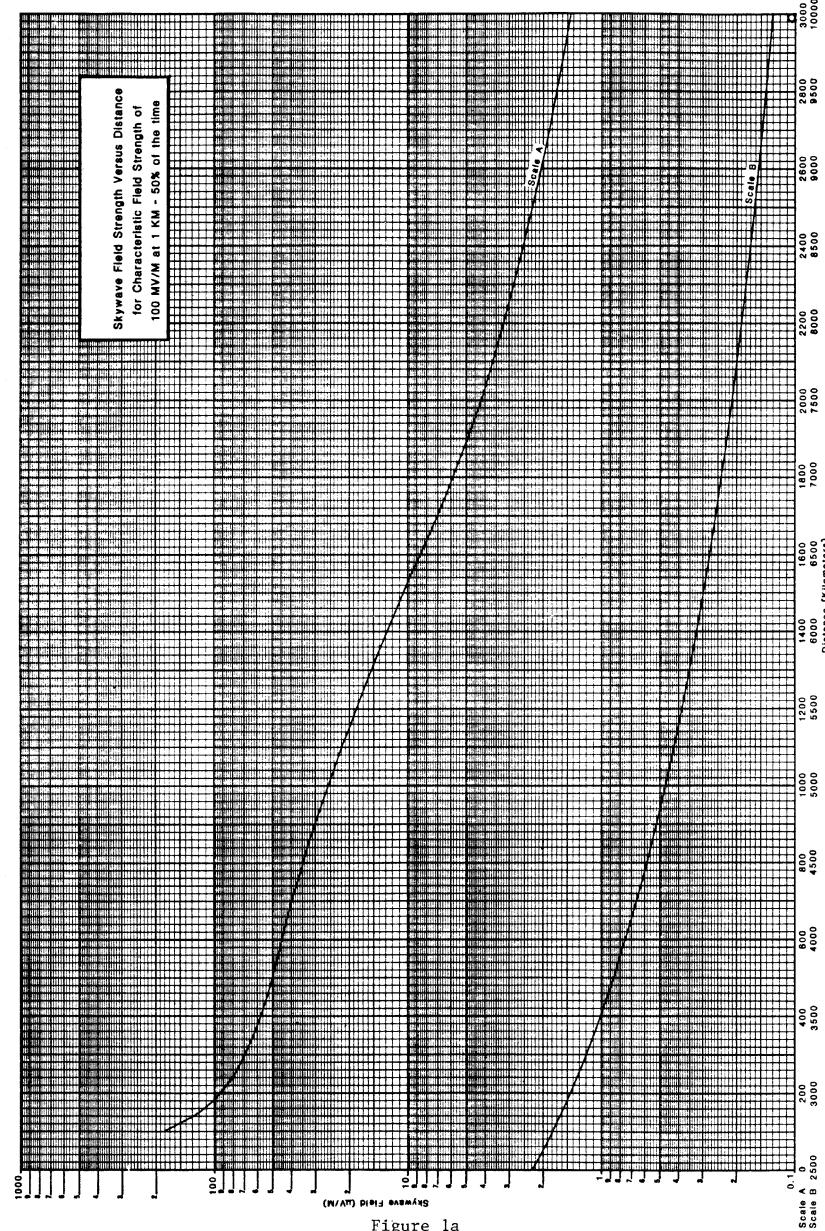
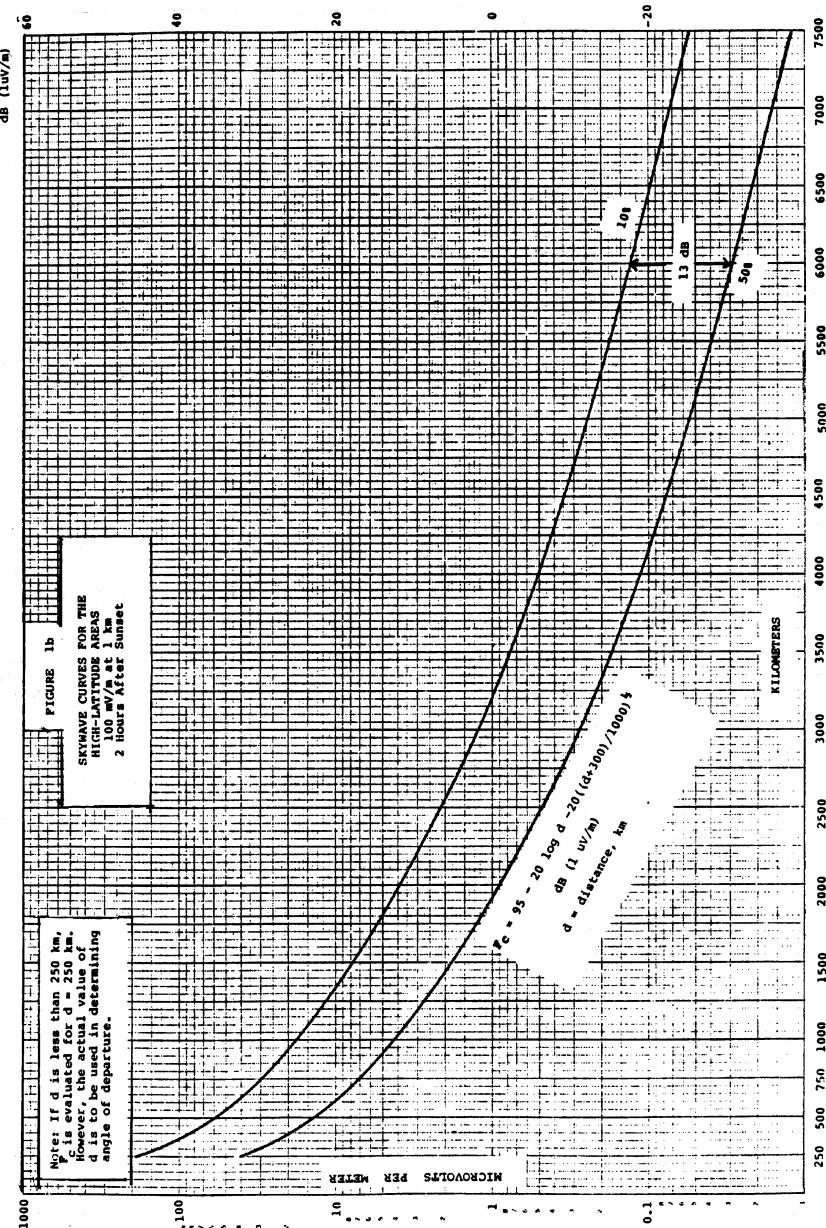
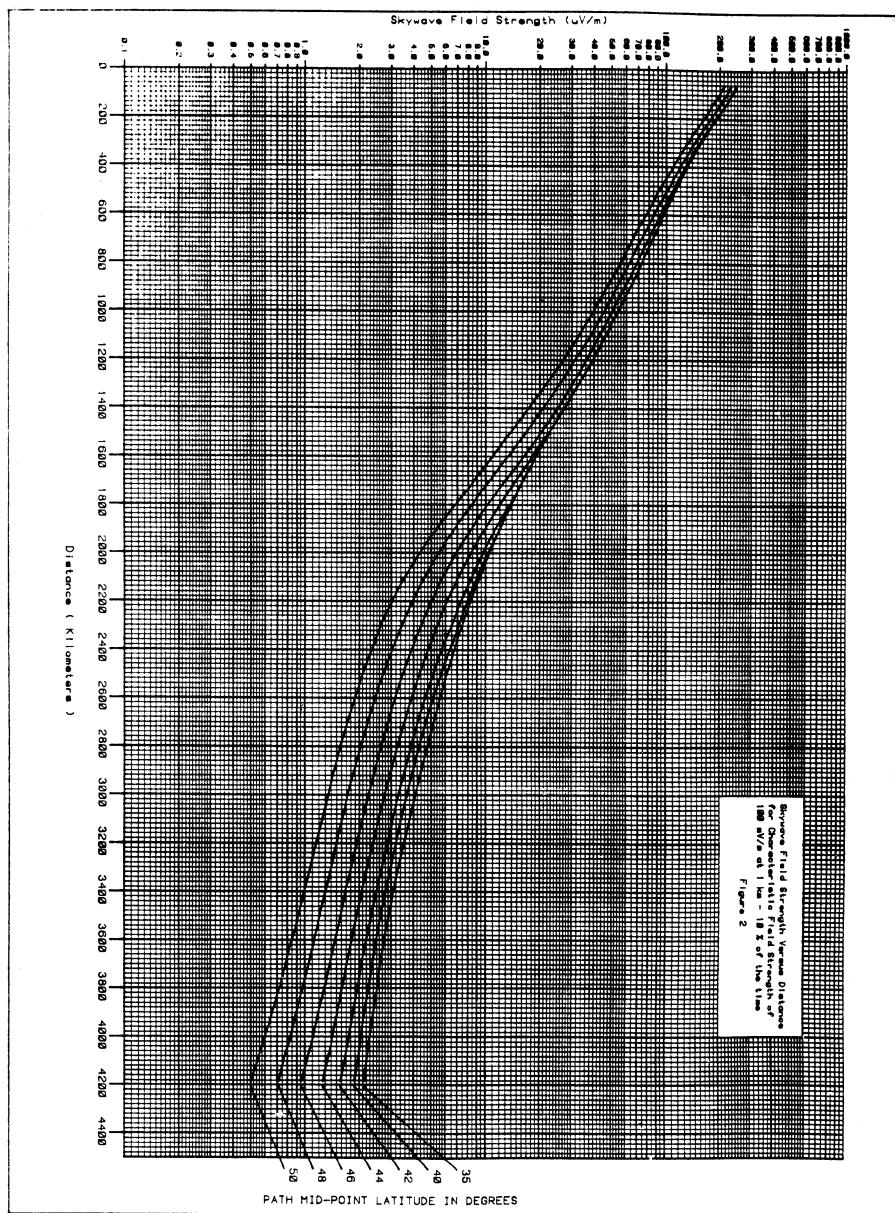


Figure 1a

§ 73.190

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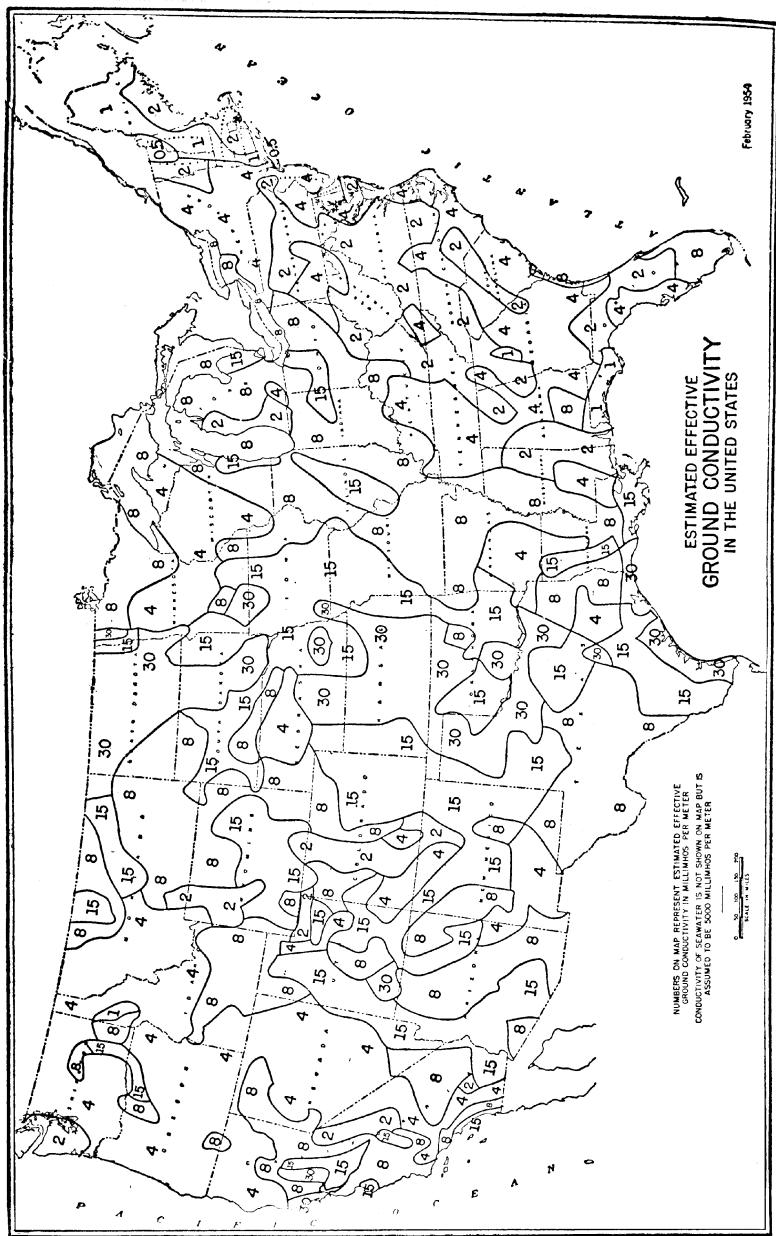


FIGURE R3.

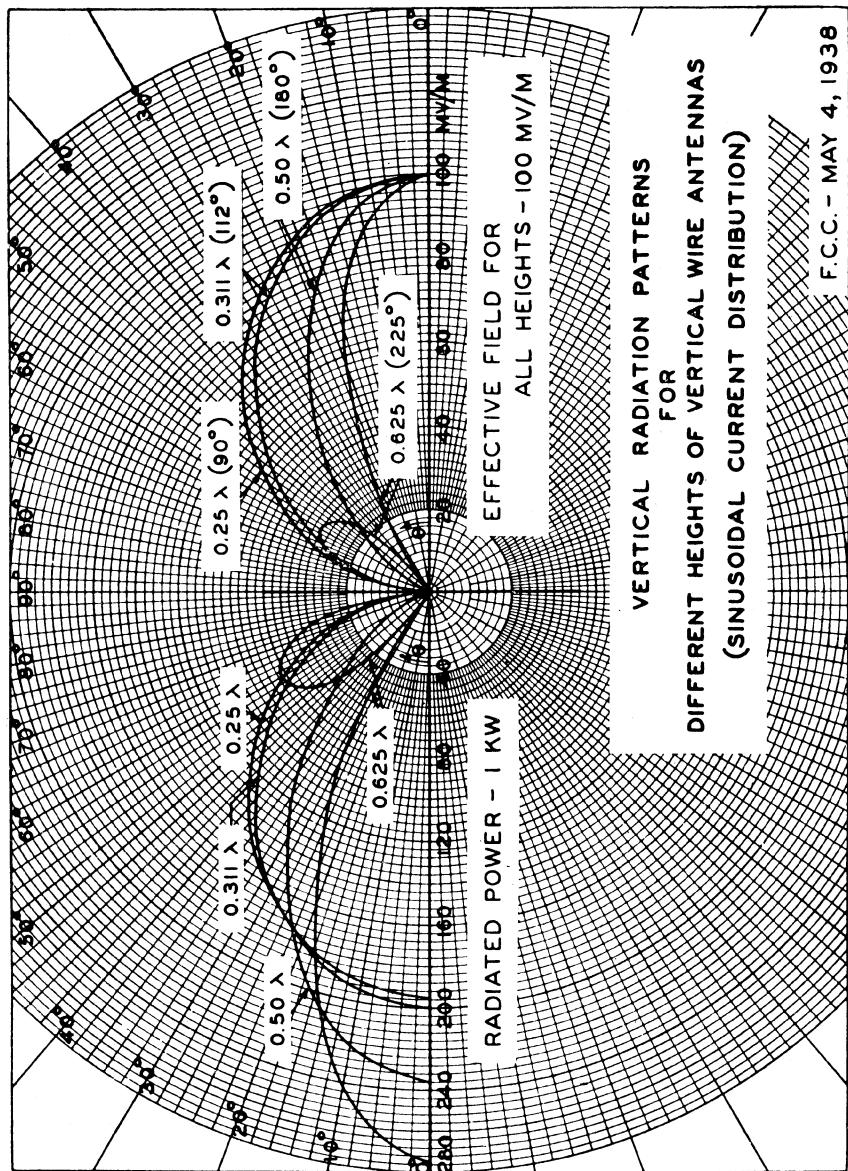
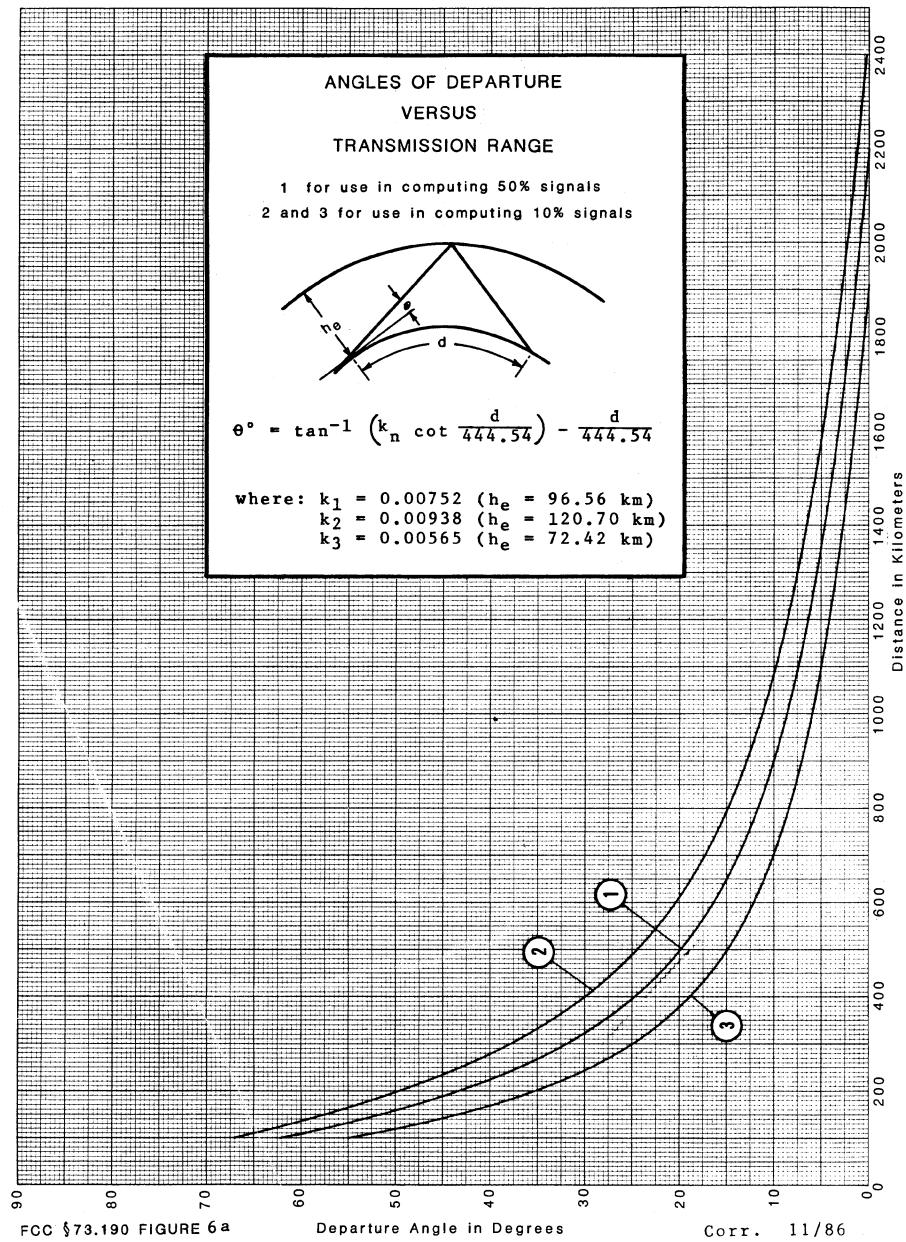


Figure 5



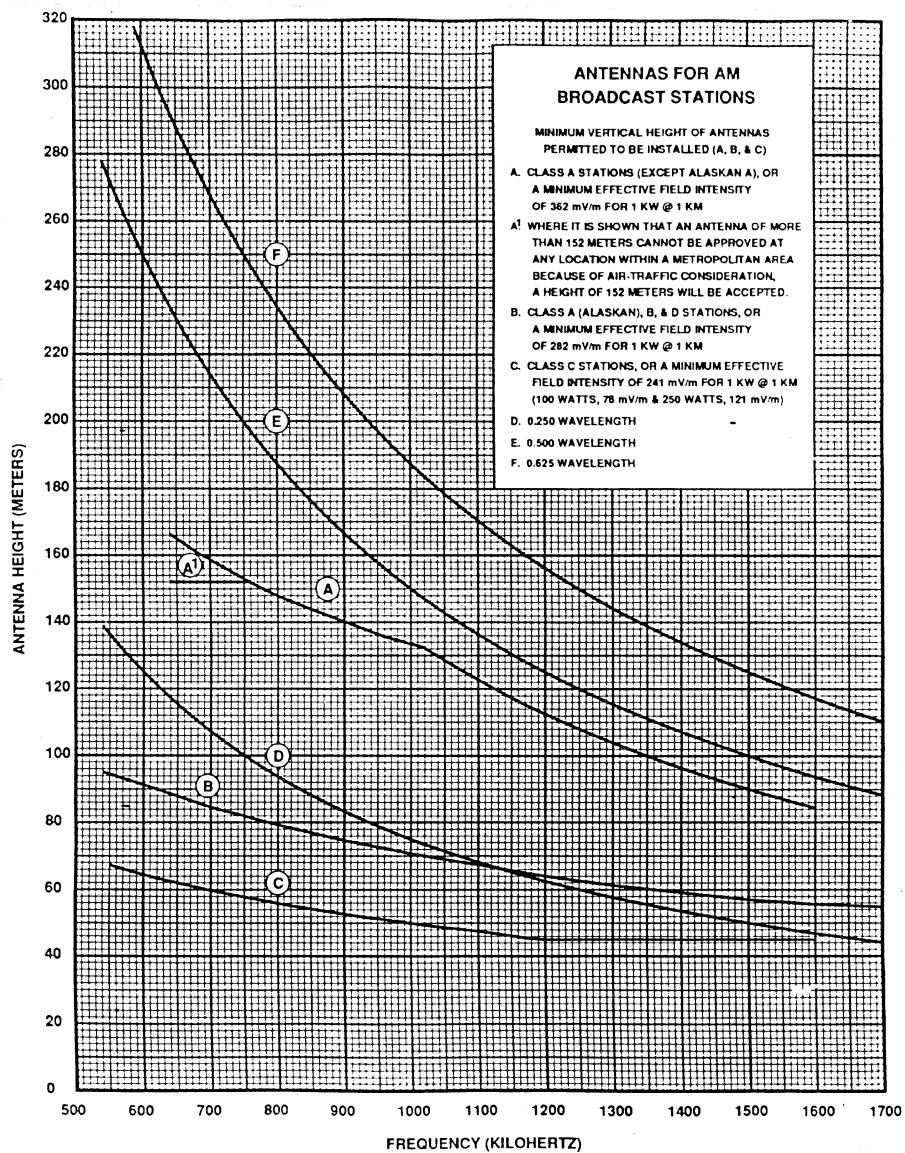


Figure 7

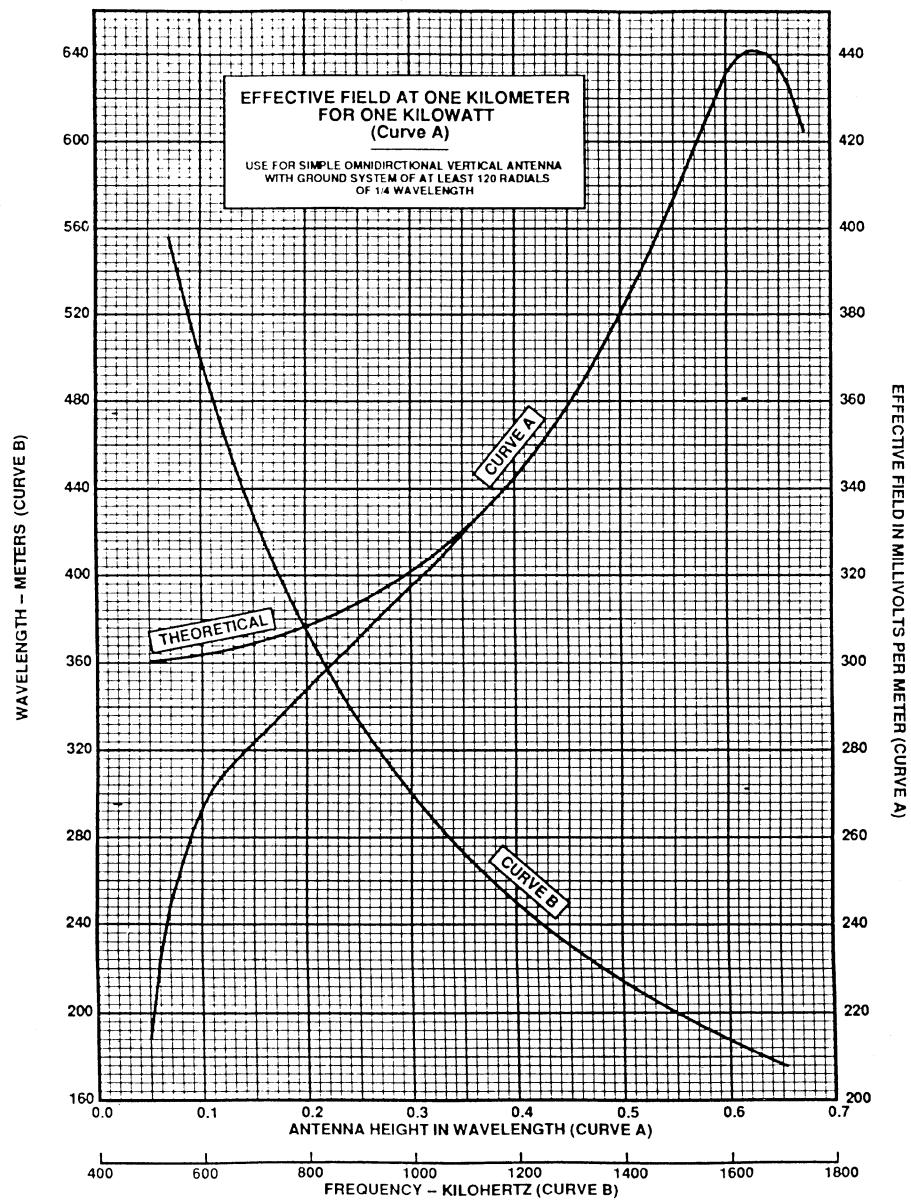


Figure 8

**PERMISSIBLE DAYTIME RADIATION
FOR CLASS II STATIONS**

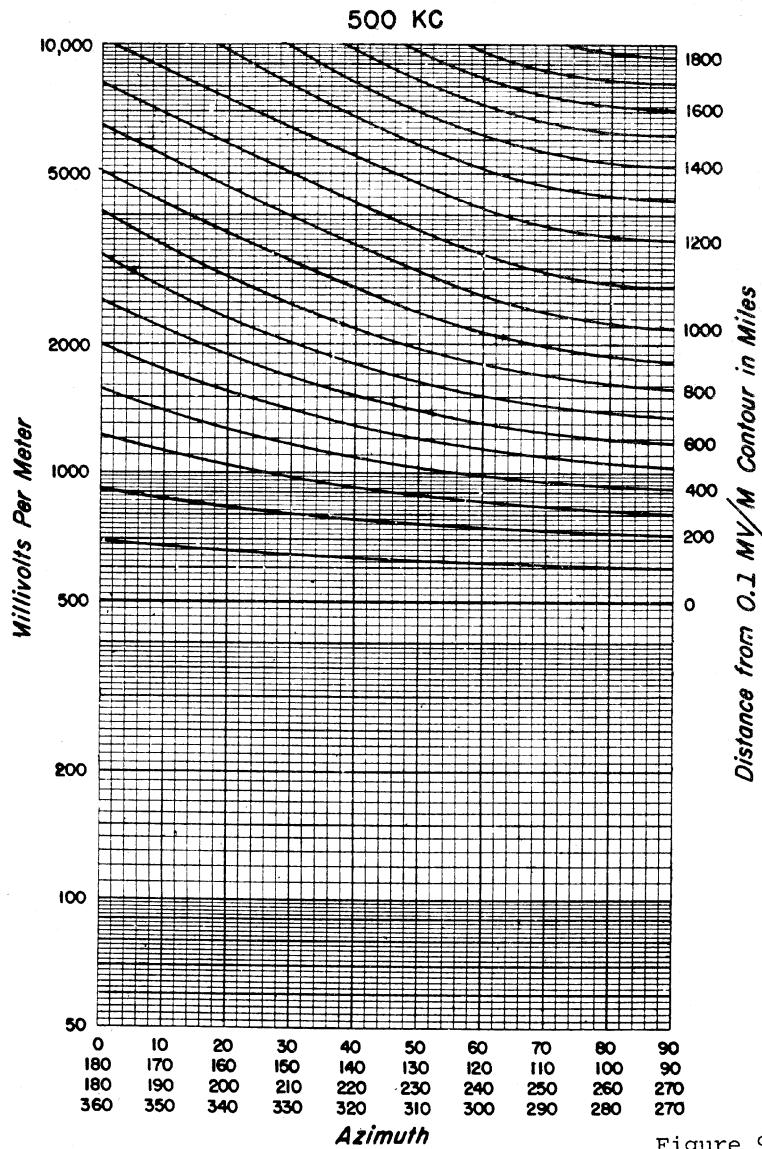


Figure 9

**PERMISSIBLE DAYTIME RADIATION
FOR CLASS II STATIONS**

1000 KC

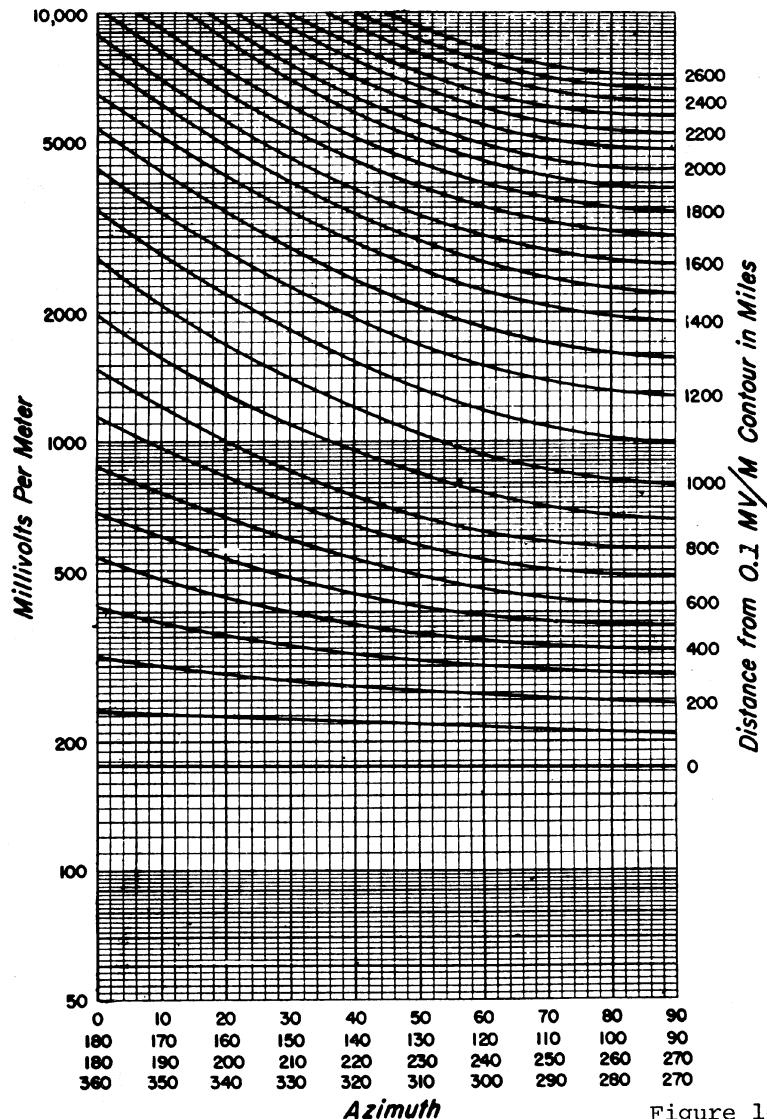


Figure 10

PERMISSIBLE DAYTIME RADIATION FOR CLASS II STATIONS

1600 KC

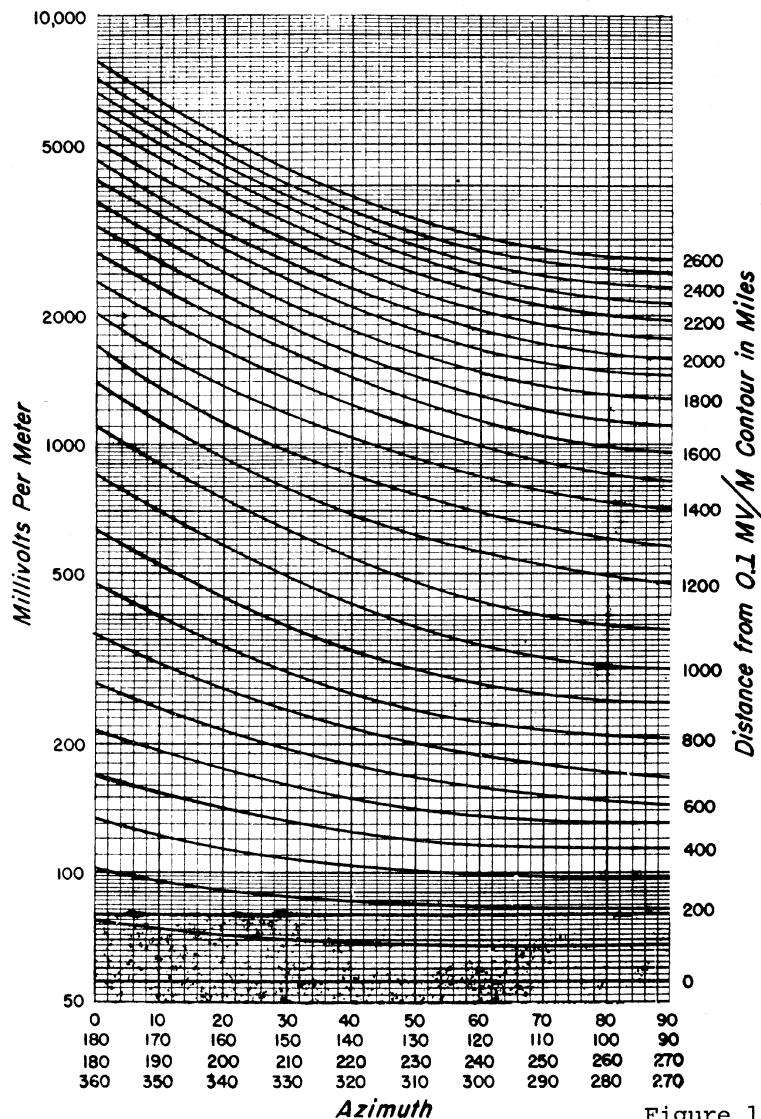
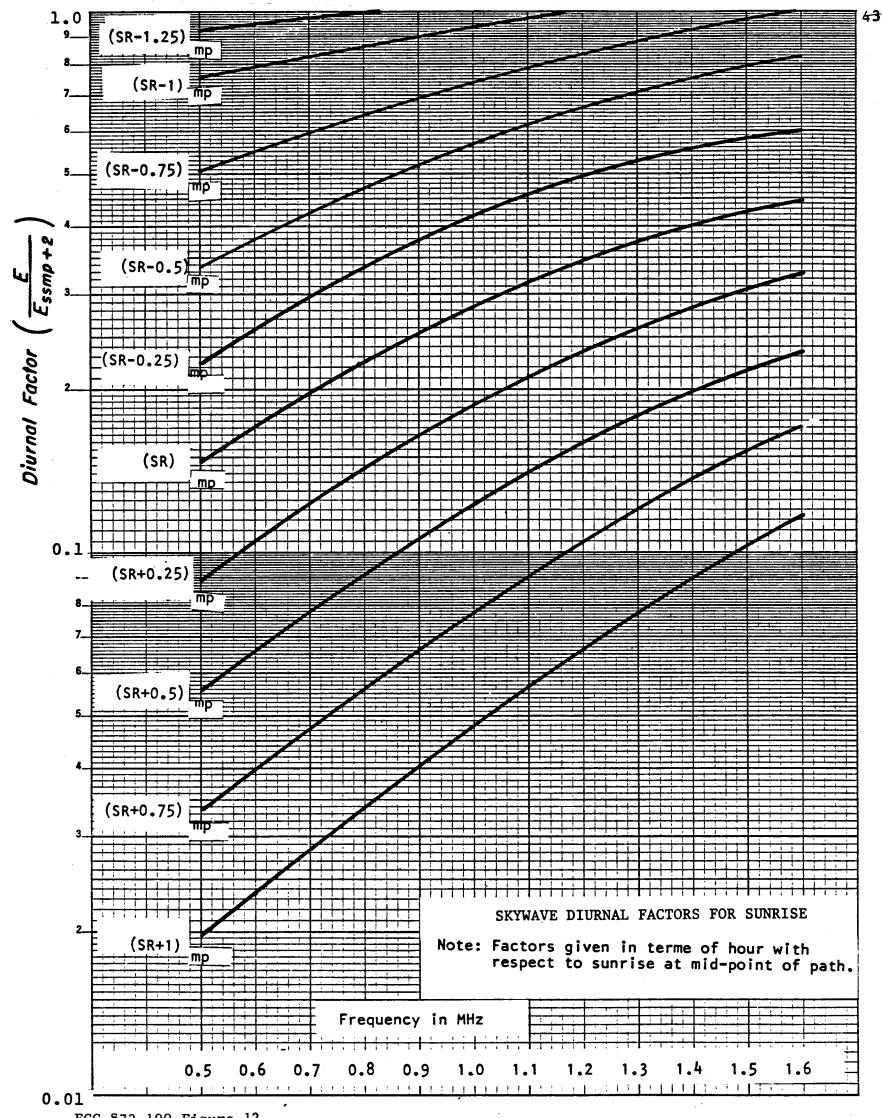
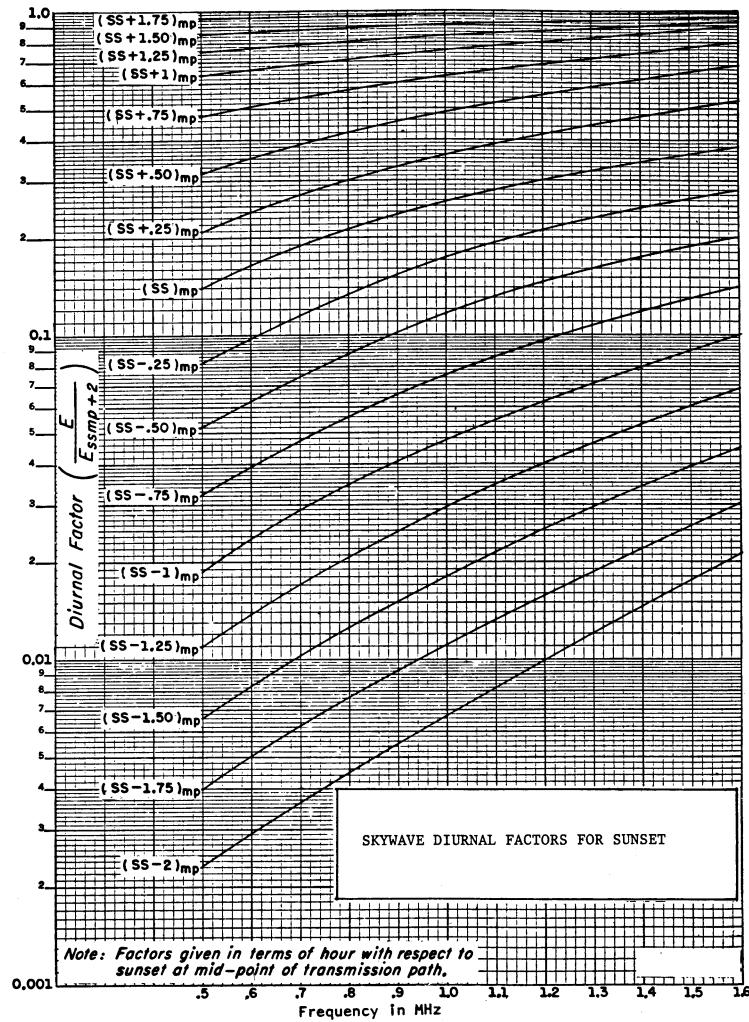


Figure 11



FCC §73.190 Figure 12



FCC §73.190 Figure 13

[28 FR 13574, Dec. 14, 1963, as amended at 30 FR 12720, Oct. 6, 1965; 33 FR 15420, Oct. 17, 1968; 48 FR 42959, Sept. 20, 1983; 49 FR 43963, Nov. 1, 1984; 50 FR 18844, May 2, 1985; 51 FR 4753, Feb. 7, 1986; 52 FR 36879, Oct. 1, 1987; 56 FR 64869, Dec. 12, 1991]

Subpart B—FM Broadcast Stations

§ 73.201 Numerical designation of FM broadcast channels.

The FM broadcast band consists of that portion of the radio frequency spectrum between 88 MHz and 108 MHz. It is divided into 100 channels of 200 kHz each. For convenience, the frequencies available for FM broadcasting (including those assigned to non-commercial educational broadcasting) are given numerical designations which are shown in the table below:

Frequency (Mc/s)	Channel No.
88.1	201
88.3	202